Fall 2010 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

NA0010	Overall LMA	Total LMA Miles		Threshold Perce		
Lower San Joaquin Levee District	Rating M *	197.28	10.00%; however, U Rated Miles are pres the Overall LMA Rating is M instead of A.			ent, so
		107.20			Encroad	hments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
Earthen Levee	0.04	T	0.04	0.440/		
Vegetation	0.21		0.21	0.11%		
Trim / Thin Trees	0.01	0.04	0.01	0.01%	0.55	0.04
Encroachments		0.01	0.04	0.02%	0.55	0.01
Animal Control	0.88		0.88	0.45%		
Slope Stability	0.02		0.02	0.01%		
Erosion / Bank Caving	0.01		0.01	0.01%		
Repair Gates	0.01		0.01	0.01%		
<u>Channels</u> <u>Encroachments</u>	0.02		0.02	0.01%		
LMA Totals:	1.16	0.01	1.20	0.01%	0.55	0.01
LIMA TOTAIS:	1.10	0.01	1.20	0.01% *	0.55	0.01
Unit No. 01 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	A	22.56				
5 / 10						chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Earthen Levee Encroachments					0.55	
Animal Control	0.06		0.06	0.27%	0.00	
Unit Totals:	0.06	0.00	0.06	0.27%	0.55	0.00
Cim rotals.			0.00	0.2170	0.00	0.00
Unit No. 02A San Joaquin River	Overall Unit Rating	Total Unit Miles				
	A	13.79				
						chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Earthen Levee Encroachments	I					0.01
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.01
Offit Totals.	0.00	0.00	0.00	0.0070	0.00	0.01
Unit No. 02B San Joaquin River	Overall Unit	Total Unit				
	Rating	Miles				
	Α	5.92		ı		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	chments
Earthen Levee	INI INIIICS	O MILES	IVI 1 40 IVIIIeS	THESHOU 70	i O ivilles	OO WIIIES
Animal Control	0.01		0.01	0.17%		
Unit Totals:	0.01	0.00	0.01	0.17%	0.00	0.00
Unit No. 03 San Joaquin River	Overall Unit	Total Unit				
	Rating A	Miles 2.16				
		2.10			Encroad	chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
No Items						
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00

Fall 2010 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

Unit No. 04 San Joaquin River	Overall Unit	Total Unit				
	Rating	Miles				
	Α	1.58		T.	_	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
No Items	W WIICS	O WIIICO	W + 40 Willes	THEOHOIC 70	1 0 1111100	
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 05 East Side Bypass	Overall Unit Rating	Total Unit Miles				
	A	34.75				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroad PO Miles	
Earthen Levee Trim / Thin Trees	0.01		0.01	0.03%		
Animal Control	0.01		0.01	0.03%		
Repair Gates	0.09		0.09	0.26%		
Unit Totals:	0.01	0.00	0.01	0.03%	0.00	0.00
Unit No. 06 East Side Bypass	Overall Unit Rating	Total Unit Miles	0.11	0.0270	0.00	0.00
	Α	36.38				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroad PO Miles	chments CO Miles
Earthen Levee Animal Control	0.09		0.00	0.25%		
Unit Totals:	0.09	0.00	0.09	0.25%	0.00	0.00
	0.09	0.00	0.09	0.2376	0.00	0.00
Unit No. 07 Bear Creek Bypass	Overall Unit Rating	Total Unit Miles				
	Α	3.62		I		In contract of
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
No Items			2.00	0.000/	2.22	2.22
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 08 Bear Creek Bypass	Overall Unit Rating	Total Unit Miles				
	A	3.63				la mana and
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
Earthen Levee Animal Control	0.17		0.17	4.68%		
Unit Totals:	0.17	0.00	0.17	4.68%	0.00	0.00
Unit No. 09 Owens Creek Bypass	Overall Unit Rating	Total Unit Miles				
	Α	0.88				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
No Items Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00

Fall 2010 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

Unit No. 10 Owens Creek Bypass	Overall Unit Rating	Total Unit Miles				
	A	0.82		ı		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		CO Miles
No Items						
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 11 Mariposa Bypass	Overall Unit Rating	Total Unit Miles				
	Α	3.31				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		CO Miles
No Items						
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 12 Mariposa Bypass	Overall Unit Rating	Total Unit Miles				
	Α	3.33				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	chments CO Miles
Earthen Levee Animal Control	0.02		0.02	0.60%		
Unit Totals:	0.02	0.00	0.02	0.60%	0.00	0.00
Unit No. 42 Ach Claumh		Tatal Hait				
Unit No. 13 Ash Slough	Overall Unit Rating	Total Unit Miles				
	A	1.28				
5			NA - 411 NAT	TI 1 110/		chments
Rated Item Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Animal Control	0.01		0.01	0.78%		
Unit Totals:	0.01	0.00	0.01	0.78%	0.00	0.00
Unit No. 14 Ash Slough	Overall Unit Rating	Total Unit Miles				
	Α	1.28				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		CO Miles
No Items	0.00	0.00	0.00	0.00%	0.00	0.00
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 15 Berenda Slough	Overall Unit Rating	Total Unit Miles				
	Α	2.03				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
No Items	0.00	0.00	0.00	0.000/	0.00	0.00
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 16 Berenda Slough	Overall Unit Rating	Total Unit Miles				
	Α	1.98				
Rated Item		LLMiles	NA . ALL NAILS	Threshold %		chments CO Miles
	M Miles	U Miles	M + 4U Miles	Threshold %	1 O IVIIIes	oo wiiioo
No Items Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00

Fall 2010 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

Unit No. 17 Chowchilla Canal Bypass	Overall Unit Rating	Total Unit Miles				
	A	16.09				
		10.00			Encroad	hments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
Earthen Levee						
Animal Control	0.38		0.38	2.36%		
Unit Totals:	0.38	0.00	0.38	2.36%	0.00	0.00
Unit No. 18 Chowchilla Canal Bypass	Overall Unit Rating	Total Unit Miles				
	A	15.33			Fnoros	hmanta
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		chments CO Miles
No Items	W Wilco	O WIIICO	W · 40 Willes	THICOHOIG 70	1 0 1111100	00 1111100
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Offic Foldis.	0.00	0.00	0.00	0.0070	0.00	0.00
Unit No. 22A East Side Canal	Overall Unit Rating	Total Unit Miles				
	Α	5.50				
Rated Item Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	chments CO Miles
Vegetation Vegetation	0.20		0.20	3.64%		
Slope Stability	0.02		0.02	0.36%		
Erosion / Bank Caving	0.01		0.01	0.18%		
Channels	0.01		0.01	0.1070		
Encroachments	0.02		0.02	0.36%		
Unit Totals:	0.25	0.00	0.25	4.55%	0.00	0.00
Unit No. 23 San Joaquin River	Overall Unit	Total Unit		Threshold Percei		
	Rating M *	Miles 10.25		vever, U Rated M Jnit Rating is M ir		ent, so
5						chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Earthen Levee Vegetation	0.01		0.01	0.10%		
Encroachments	0.01	0.01	0.01	0.10%		
Animal Control	0.04	0.01	0.04	0.39%		
Unit Totals:	0.04	0.01	0.04	0.39%	0.00	0.00
Utili Totals.	0.05	0.01	0.09	0.00% *	0.00	0.00
Unit No. 24 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	Α	8.34				
						chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Earthen Levee Animal Control	0.01		0.01	0.120/		
	0.01	0.00		0.12%	0.00	0.00
Unit Totals:	0.01	0.00	0.01	0.12%	0.00	0.00
Unit No. 25 Salt Slough	Overall Unit Rating	Total Unit Miles				
	A	2.47				
						chments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
No Items						
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00

LMA District Cover Sheet

Fall 2010 Levee Inspection Results

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)		
* Overall LMA Rating (Fall Only)			M			
** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.						
* SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall. FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.						
Comments						

Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles					
Unit No. 01 San Joaquin River Right 22.5							
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter (December - February)		
Unit Maintenance Rating (Fall Only)			Α				
Date of Inspection	5/5/2010		9/21/2010				
DWR Inspector	Richard Willoughby		Richard Willoughby				
Accompanied By							
Check one:							
 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 							
Comments							
information must also be s	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports , Suite 200	itative an	d returned to		
x							
Signature of LMA Repres	sentative		Date				

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.56	11/15/2010 11/18/2010	Richard Willoughby

LMR	Levee	Mile	Catagony	Itam	Location	Rating	Action/Comment	GPS Latitud	le/Longitude	Issue No.
No.	Start	End	Category	Item	tion	ng	Action/Confinent	Start	End	Photo
1	0.24	0.27	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.346152 ° -120.961402 °	37.345822 ° -120.961638 °	1
2	2.50	2.50	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	3 Y
3	3.72	3.74	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.313892 ° -120.926507 °	37.313598 ° -120.926607 °	2 Y
4	4.00	4.08	Earthen Levee	Encroachments	LS	РО	Agricultural Ditch	37.310837 ° -120.926182 °	37.310003 ° -120.925313 °	5 Y
5	4.20	4.20	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	37.308540 ° -120.924003 °	37.308540 ° -120.924003 °	6
6	22.09	22.56	Earthen Levee	Encroachments	LS	РО	Agricultural Ditch	37.169962 ° -120.754240 °	37.166983 ° -120.750127 °	22 Y

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.56	11/15/2010 11/18/2010	Richard Willoughby

Levee Mile Report Line	2				
Start Levee Mile	2.50				
End Levee Mile	2.50				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking upstream at typical view of levee system.					
richard_f_20101122_404.jpg					

Levee Mile Report Line	2				
Start Levee Mile	2.50				
End Levee Mile	2.50				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking downstream at typical view of levee system.					

richard_f_20101122_405.jpg

Levee Mile Report Line	3				
Start Levee Mile	3.72				
End Levee Mile	3.74				
Location	Land Side				
Category	Earthen Levee				
Item	Animal Control				
Typical view of squirrel burrows in this section of levee					

richard_f_20101122_400.jpg







** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.56	11/15/2010 11/18/2010	Richard Willoughby

Levee Mile Report Line	3
Start Levee Mile	3.72
End Levee Mile	3.74
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking at typical view of	squirrel burrows on
landside slope in this sec	tion of levee.

Levee Mile Report Line	4				
Start Levee Mile	4.00				
End Levee Mile	4.08				
Location	Land Side				
Category	Earthen Levee				
Item Encroachments					
Looking south at irrigation ditch along landside					

richard_f_20101122_401.jpg

Levee Mile Report Line	4				
Start Levee Mile	4.00				
End Levee Mile	4.08				
Location	Land Side				
Category	Earthen Levee				
Item	Encroachments				
Looking north at irrigation ditch along landside toe.					
richard_f_20101122_402.jpg					







A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.56	11/15/2010 11/18/2010	Richard Willoughby

Levee Mile Report Line	6				
Start Levee Mile	22.09				
End Levee Mile	22.56				
Location	Land Side				
Category	Earthen Levee				
Item	Encroachments				
Looking at landside ditch at levee toe.					
richard_f_20100921_017.jpg					

Levee Mile Report Line	6
Start Levee Mile	<u> </u>
End Levee Mile	
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southeast at dito	h along landside toe.





richard_f_20100921_018.jpg

Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles							
	Left	13.79							
	Spring (March - May)								
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection	5/5/2010		9/21/2010						
DWR Inspector	Richard Willoughby		Richard Willoughby						
Accompanied By									
Check one:									
project components conditions other that	vinter (or summer) inspection p identified in the attached Leve in the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no chan	ges in flo					
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve ie corrections we have made to inflood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal				
	ction below or on additional sho n (Land Side, Water Side, or C								
Comments									
information must also be	3	eet should be signed an	d dated by the LMA Represent 31 (Winter Inspection). Pleaspection Reports , Suite 200	itative an	nd returned to				
x									
Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	13.79	11/19/2010 11/19/2010	Richard Willoughby

LMR	Levee Mile		Ration / Commont	Rating ** Location	GPS Latitu	Issue No.			
No.	Start	End	Category Item * to specification * to specification * to specification Action/Comment		Start	End	Photo		
1	0.00	1.22	Earthen Levee	Crown Surface / Depressions / Rutting	CR W	Keep the crown roadway free of vegetation.	0	0	3
2	2.34	2.34	Earthen Levee	Encroachments	WS CC	Ramp Inspector Comments: Need to apply for permit for ramp on waterside	37.291377 ° -120.850913 °	37.291377 ° -120.850913 °	1 Y
3	3.50	3.50	Earthen Levee	Vegetation	WS A	Remove the wild growth other than native grasses from the levee slopes.	0	0	4

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	13.79	11/19/2010 11/19/2010	Richard Willoughby

Levee Mile Report Line	2					
Start Levee Mile	2.34					
End Levee Mile	2.34					
Location	Water Side					
Category	Earthen Levee					
Item	Encroachments					
Looking downstream (northeast) at new ramp on waterside slope.						
richard_f_20101123_458.jpg						

Levee Mile Report Line	2
Start Levee Mile	2.34
End Levee Mile	2.34
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking downstream (no waterside slope.	rth) at new ramp on

richard_f_20101123_459.jpg

Levee Mile Report Line	2						
Start Levee Mile	2.34						
End Levee Mile	2.34						
Location	Water Side						
Category	Earthen Levee						
Item Encroachments							
Looking east at new ramp on waterside slope.							
richard_f_20101123_460.jpg							







PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	13.79	11/19/2010 11/19/2010	Richard Willoughby

Levee Mile Report Line	3							
Start Levee Mile	3.50							
End Levee Mile	3.50							
Location	Water Side							
Category	Earthen Levee							
Item	Vegetation							
Looking upstream (south) at typical view of levee system.								
richard_f_20101123_461.jpg								



Unit Cover Sheet

Fall 2010 Levee Inspection Results

Waterway					Unit Miles				
Unit No. 02B San Joaquin River					5.92				
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)					
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection	5/5/2010		9/21/2010						
DWR Inspector	Richard Willoughby		Richard Willoughby						
Accompanied By									
Check one:									
project components conditions other that deficiencies identifies During the current w project components maintenance and the following changes in (In the comment see	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 								
Comments									
information must also be s DWR with any additional s	One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000								
x									
Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	11/19/2010 11/19/2010	Richard Willoughby

LMR	Leve	e Mile	Category	Item	Location	Rating	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Calegory	пеш	tion	ng	Action/Comment	Start	End	Photo
1	8.00	13.79	Earthen Levee	Crown Surface / Depressions / Rutting	CR	W	Add appropriate gravel or road base. Grade and compact.	0	0	3
2	10.25	10.25	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	5 Y
3	13.46	13.50	Earthen Levee	Trim / Thin Trees	WS	W	Trim trees to at least five feet above ground level.	37.176420 ° -120.762212 °	37.176143 ° -120.761785 °	7
4	13.70	13.70	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	37.173471 ° -120.761040 °	37.173471 ° -120.761040 °	12

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	11/19/2010 11/19/2010	Richard Willoughby

Levee Mile Report Line	2							
Start Levee Mile	10.25							
End Levee Mile	10.25							
Location	Land Side							
Category	Earthen Levee							
Item Vegetation								
Looking downstream at typical view of levee system.								
richard_f_20101123_462.jpg								

Levee Mile Report Line	2							
Start Levee Mile	10.25							
End Levee Mile	10.25							
Location	Land Side							
Category	Earthen Levee							
Item Vegetation								
Looking upstream at typical view of levee system.								
richard_f_20101123_463.jpg								





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles								
	Unit No. 03 San	Joaquin River		Right	2.16					
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)					
Unit Maintenance Rating (Fall Only)			Α							
Date of Inspection	5/5/2010		9/21/2010							
DWR Inspector	Richard Willoughby		Richard Willoughby							
Accompanied By	Accompanied By									
Check one:	vinter (or summer) inspection p	eriod, my staff or I hav	e inspected the levee and asso	ociated fl	ood					
project components conditions other tha deficiencies identifie	identified in the attached Leve in the results of our normal mai ed in the enclosed report.	e Inspection Report by intenance and the corre	Mile. We have found no chang ections we have made to main	ges in flo tenance	ood project					
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to n flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal					
	ction below or on additional sho n (Land Side, Water Side, or C									
Comments										
information must also be	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleast spection Reports charges, Suite 200	itative an	d returned to					
·										
Signature of LMA Repres	sentative		Date							

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.16	11/18/2010 11/18/2010	Richard Willoughby

LMR	Levee Mile Category		ry Item * est * asia		Action/Commont	GPS Latitude/Longitude				
No.		End	Calegory	пеш	tion	ng	Action/Comment	Start	End	Photo
1	1.00	1.00	Earthen	Vegetation	LS	Α	Remove the wild growth other than native grasses from	0	0	3
			Levee	J			the levee slopes.	0	0	Υ

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.16	11/18/2010 11/18/2010	Richard Willoughby

Levee Mile Report Line	1				
Start Levee Mile	1.00				
End Levee Mile	1.00				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking upstream at typical view of levee system.					
richard_f_20101123_448.jpg					

Levee Mile Report Line	1				
Start Levee Mile	1.00				
End Levee Mile	1.00				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking downstream at typical view of levee system.					
richard_f_20101123_449.jpg					





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles							
	Unit No. 04 San	Joaquin River		Left	1.58				
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection	5/5/2010		9/21/2010						
DWR Inspector	Richard Willoughby		Richard Willoughby						
Accompanied By									
Check one:									
project components conditions other that deficiencies identifie	vinter (or summer) inspection p identified in the attached Leve in the results of our normal mai ed in the enclosed report.	ee Inspection Report by intenance and the corre	Mile. We have found no changections we have made to main	ges in flo tenance	ood project				
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to n flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal				
	ction below or on additional sho n (Land Side, Water Side, or C								
Comments									
information must also be s	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleast spection Reports c, Suite 200	itative an	d returned to				
x									
Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.58	11/18/2010 11/18/2010	Richard Willoughby

LMR	Levee Mile Categor		Catagory	ategory Item		Rati	Action/Comment	GPS Latitud	Issue No.	
No.	Start	End	Category	пеш	* ation	ng	Action/Comment	Start	End	Photo
1	1.25	1.25	Earthen	Vegetation	LS	Α	Remove the wild growth other than native grasses from	0	۰	3
			Levee	· ·			the levee slopes.	0	0	Υ

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.58	11/18/2010 11/18/2010	Richard Willoughby

Levee Mile Report Line	1					
Start Levee Mile	1.25					
End Levee Mile	1.25					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
Looking downstream at typical view of levee system.						
richard_f_20101123_450.jpg						

Laves Mile Depart Line	
Levee Mile Report Line	1
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system
ğ , , , , , ,	





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles								
	Unit No. 05 East	t Side Bypass		Right	34.75					
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)					
Unit Maintenance Rating (Fall Only)			Α							
Date of Inspection	5/5/2010		9/21/2010							
DWR Inspector	Richard Willoughby		Richard Willoughby							
Accompanied By										
Check one:										
project components conditions other that deficiencies identified. During the current with project components maintenance and the following changes in	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS 									
,	Traction Glad, Water Glad, or G	, own, norm recrumoduc	on, and accomplian of the carre							
information must also be s	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleast spection Reports charges, Suite 200	ntative an	d returned to					
x										
Signature of LMA Repres	sentative		Date							

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.75	11/15/2010 11/17/2010	Richard Willoughby

_	1	- NA:1-						CDC Latitud	مامال مسمنان	Issue
LMR	Leve	e iville	Category	Item	Location *	Rating	Action/Comment	GPS Latitud	de/Longitude	No.
No.	Start	End	Cutogory	ito	ion	g	, touch a commont	Start	End	Photo
1	2.81	2.81	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.256803 ° -120.785407 °	37.256803 ° -120.785407 °	3
2	6.50	6.50	Earthen Levee	Animal Control	WS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.230497 ° -120.727263 °	37.230497 ° -120.727263 °	15
3	6.58	6.58	Earthen Levee	Repair Gates	CR	М		37.229807 ° -120.726538 °	37.229807 ° -120.726538 °	17 Y
4	8.06	8.06	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.213600 ° -120.706630 °	37.213600 ° -120.706630 °	4
5	8.83	8.83	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.205778 ° -120.696843 °	37.205778 ° -120.696843 °	5
6	15.50	15.50	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	,
7	25.49	25.54	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.047630 ° -120.488530 °	37.047042 ° -120.488092 °	9
8	29.80	29.80	Earthen Levee	Crown Surface / Depressions / Rutting	LS	С	Regrade the crown roadway for proper drainage. Inspector Comments: Hole (6"x6") on crown of levee.	37.017540 ° -120.431955 °	37.017540 ° -120.431955 °	6
9	29.80	29.80	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.017540 ° -120.431955 °	37.017540 ° -120.431955 °	16

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.75	11/15/2010 11/17/2010	Richard Willoughby

Levee Mile Report Line	3				
Start Levee Mile	6.58				
End Levee Mile	6.58				
Location	Crown				
Category	Earthen Levee				
Item	Repair Gates				
Looking south at damage gate.					
richard_f_20100921_020.jpg					

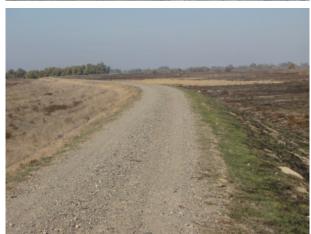
Levee Mile Report Line	6				
Start Levee Mile	15.50				
End Levee Mile	15.50				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking downstream at typical veiw of levee system.					

richard_f_20101122_421.jpg

Levee Mile Report Line	6
Start Levee Mile	15.50
End Levee Mile	15.50
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at t	ypical view of levee







* Location	** Rating			
LS : Land Side	A : Acceptable	PO : Partially Obstructing	C : Corrected	
WS : Water Side	M : Minimally Acceptable	CO : Completely Obstructing	W : Watch/Monitor	
CR : Crown	U : Unacceptable	N : Not Inspected/Rated		

Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles				
	Unit No. 06 East	Side Bypass		Left	36.38	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)		
Unit Maintenance Rating (Fall Only)			Α			
Date of Inspection	5/5/2010		9/21/2010			
DWR Inspector	Richard Willoughby		Richard Willoughby			
Accompanied By						
Check one:						
project components conditions other that deficiencies identifie	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report.	e Inspection Report by intenance and the corre	Mile. We have found no chang ections we have made to maint	ges in flo enance	ood project	
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to a flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal	
	ction below or on additional she n (Land Side, Water Side, or C					
Comments						
information must also be s	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	tative an	d returned to	
v						
X Signature of LMA Repres	sentative		Date			

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.38	11/17/2010 11/18/2010	Richard Willoughby

LMR	Levee		Category	Item	Location	Rating	Action/Comment		de/Longitude	No.
No.	Start	End	<u> </u>		on l	g		Start	End	Photo
1	4.67	4.67	Earthen Levee	Animal Control	CR	W	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.244012 ° -120.761372 °	37.244012 ° -120.761372 °	16 Y
2	6.12	6.12	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.235777 ° -120.738598 °	37.235777 ° -120.738598 °	22
3	6.15	6.15	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.235623 ° -120.738017 °	37.235623 ° -120.738017 °	21
4	14.91	17.23	Earthen Levee	Crown Surface / Depressions / Rutting	LS	W	Keep the crown roadway free of vegetation.	37.163025 ° -120.630648 °	37.141161 ° -120.599867 °	4
5	22.90	22.96	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.088663 ° -120.538193 °	37.087968 ° -120.537485 °	8
6	27.00	27.00	Earthen Levee	Vegetation	CR	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	5 Y
7	28.62	28.62	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.030102 ° -120.469122 °	37.030102 ° -120.469122 °	19
8	32.96	32.96	Earthen Levee	Encroachments	LS	С	Pipe Inspector Comments: Temp. pump station with 10-12 inch pipe on landside and waterside of levee.	36.995979 ° -120.413248 °	36.995979 ° -120.413248 °	3

* Location

LS : Land Side

WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.38	11/17/2010 11/18/2010	Richard Willoughby

Levee Mile Report Line	1				
Start Levee Mile	4.67				
End Levee Mile	4.67				
Location	Crown				
Category	Earthen Levee				
Item	Animal Control				
Looking at squirrel hole on crown of levee.					
richard f 20100921 027.jpg					

Levee Mile Report Line	6				
Start Levee Mile	27.00				
End Levee Mile	27.00				
Location	Crown				
Category	Earthen Levee				
Item	Vegetation				
Looking upstream at typical view of levee system.					

richard_f_20101123_446.jpg

Levee Mile Report Line	6							
Start Levee Mile	27.00							
End Levee Mile	27.00							
Location	Crown							
Category	Earthen Levee							
Item Vegetation								
Looking downstream at typical view of levee system.								
richard_f_20101123_447.jpg								







A : Acceptable M : Minimally Acceptable U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles											
	Unit No. 07 Bear Creek Bypass Right 3.62												
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)								
Unit Maintenance Rating (Fall Only)			Α										
Date of Inspection	5/5/2010		9/21/2010										
DWR Inspector	Richard Willoughby		Richard Willoughby										
Accompanied By													
Check one:													
project components conditions other that deficiencies identified During the current v project components maintenance and the following changes in (In the comment see	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 												
Comments													
information must also be	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Plead spection Reports charges, Suite 200	tative an	d returned to								
X Signature of LMA Repres	sentative		Date										
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Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	11/15/2010 11/15/2010	Richard Willoughby

LMR	Levee Mile Category		Item * §		Rati	Action/Comment	GPS Latitud	Issue No.		
No.	Start	End	Category	пеш	ation	ng	Action/Comment	Start	End	Photo
1	3.25	3.25	Earthen	Vegetation	LS	Α	Remove the wild growth other than native grasses from	٥	٥	3
			Levee	· ·			the levee slopes.	0	0	Υ

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	11/15/2010 11/15/2010	Richard Willoughby

Levee Mile Report Line	1					
Start Levee Mile	3.25					
End Levee Mile	3.25					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
Looking downstream (west) at typical view of levee system.						
richard_f_20101122_406.jpg						

L Mil D						
Levee Mile Report Line	1					
Start Levee Mile	3.25					
End Levee Mile	3.25					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
Looking upstream (east) at typical view of levee system						
richard_f_20101122_407.jpg						





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Water	way		Bank	Unit Miles					
	Unit No. 08 Bear	Creek Bypass		Left	3.63					
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)					
Unit Maintenance Rating (Fall Only)			Α							
Date of Inspection	5/5/2010		9/21/2010							
DWR Inspector	Richard Willoughby		Richard Willoughby							
Accompanied By										
Check one:										
project components conditions other that deficiencies identified	vinter (or summer) inspection p identified in the attached Leve in the results of our normal mai ed in the enclosed report. vinter (or summer) inspection p	ee Inspection Report by intenance and the corre	Mile. We have found no changections we have made to main	ges in flo enance	ood project					
project components maintenance and th following changes in	identified in the attached Leve e corrections we have made to flood project conditions.	ee Inspection Report by maintenance deficience	Mile. In addition to the results cies identified in the report, we	of our no have for	ormal und the					
	n (Land Side, Water Side, or C									
Comments										
information must also be	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	tative ar	nd returned to					
x										
Signature of LMA Repres	sentative		Date							

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	11/16/2010 11/16/2010	Richard Willoughby

LMR	Levee	Mile	Catamani	lt	Location	Rating	A skin a I/O areas and	GPS Latitud	e/Longitude	Issue No.
No.	Start	End	Category	Item	tion	ing *	Action/Comment	Start	End	Photo
1	0.75	0.75	Earthen Levee	Vegetation	WS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	4
2	1.42	1.42	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.263077 ° -120.751528 °	37.263077 ° -120.751528 °	2
3	1.61	1.61	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.261842 ° -120.748510 °	37.261842 ° -120.748510 °	1
4	2.12	2.12	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	37.257688 ° -120.741573 °	37.257688 ° -120.741573 °	7
5	3.40	3.54	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.253052 ° -120.722647 °	37.253600 ° -120.720198 °	3

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	11/16/2010 11/16/2010	Richard Willoughby

Levee Mile Report Line	1					
Start Levee Mile	0.75					
End Levee Mile	0.75					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Looking downstream at typical view of levee system.						
richard_f_20101122_419.jpg						

Levee Mile Report Line	1			
Start Levee Mile	0.75			
End Levee Mile	0.75			
Location	Water Side			
Category	Earthen Levee			
Item	Vegetation			
Looking upstream at typical view of levee system.				
richard_f_20101122_420.jpg				





Unit Cover Sheet

Fall 2010 Levee Inspection Results

Waterway				Bank	Unit Miles		
Unit No. 09 Owens Creek Bypass					0.88		
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)			
Unit Maintenance Rating (Fall Only)			Α				
Date of Inspection	5/5/2010		9/21/2010				
DWR Inspector	Richard Willoughby		Richard Willoughby				
Accompanied By							
Check one: During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project							
conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.							
During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.							
(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).							
Comments							
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000							
Signature of I MA Repres	Signature of LMA Representative Date						
orginature of LIVIA Nepres	JUILUIIVU		שמכ				

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.88	11/16/2010 11/16/2010	Richard Willoughby

LMR	Levee Mile Category		Category Item * Tocate * Tocat		Rati	Action/Comment	GPS Latitud	Issue No.		
No.	Start	End	Category	пеш	ation	ng	Action/Comment	Start	End	Photo
1	0.60	0.60	Earthen	Vegetation	ws	Α	Remove the wild growth other than native grasses from	٥	0	3
			Levee	· ·			the levee slopes.	۰	0	Υ

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.88	11/16/2010 11/16/2010	Richard Willoughby

	1.					
Levee Mile Report Line	1					
Start Levee Mile	0.60					
End Levee Mile	0.60					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Looking downstream at typical view of levee system.						

richard f 20101122 424.jpg							
Looking upstream of typic	Looking upstream of typical view of levee system.						
Item	Vegetation						
Category	Earthen Levee						
Location	Water Side						
End Levee Mile	0.60						
Start Levee Mile	0.60						
Levee Mile Report Line	1						





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles			
	Unit No. 10 Owens	s Creek Bypass		Left	0.82
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)			Α		
Date of Inspection	5/5/2010		9/21/2010		
DWR Inspector	Richard Willoughby		Richard Willoughby		
Accompanied By					
Check one:					
project components conditions other that deficiencies identifies During the current w project components maintenance and the following changes in (In the comment see	vinter (or summer) inspection p identified in the attached Leve in the results of our normal mai and in the enclosed report. Vinter (or summer) inspection p identified in the attached Leve e corrections we have made to inflood project conditions. Cition below or on additional shand (Land Side, Water Side, or C	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no change ctions we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in flo tenance ociated fl of our no have fou	ood project ood ormal und the
	r (Land Glac, Water Glac, or e	nown), nom identinodic	on, and description of the barre		
information must also be s	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleast spection Reports country, Suite 200	itative an	d returned to
x					
Signature of LMA Repres	sentative		Date		

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.82	11/16/2010 11/16/2010	Richard Willoughby

LMR		vee Mile Category		Category Item *at-		Rati	Action/Comment	GPS Latitud	Issue No.	
No.	Start	End	Calegory	пеш	ation *	ng	Action/Comment	Start	End	Photo
1	0.75	0.75	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	J

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.82	11/16/2010 11/16/2010	Richard Willoughby

Levee Mile Report Line	1				
Start Levee Mile	0.75				
End Levee Mile	0.75				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking downstream at ty system.	ypical view of levee				
richard_f_20101122_425.jpg					

Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system.
richard_f_20101122_426.jpg	





Unit Cover Sheet

Fall 2010 Levee Inspection Results

Lower San Joaquin Levee District

	Bank	Unit Miles						
	Right	3.31						
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)			
Unit Maintenance Rating (Fall Only)			Α					
Date of Inspection	5/5/2010		9/21/2010					
DWR Inspector	Richard Willoughby		Richard Willoughby					
Accompanied By								
	vinter (or summer) inspection p							
conditions other that deficiencies identified. During the current was a second conditions.	n the results of our normal mai ed in the enclosed report. vinter (or summer) inspection p identified in the attached Leve	intenance and the corre	ections we have made to maint e inspected the levee and asso	enance	ood			
maintenance and the following changes in (In the comment see	e corrections we have made to n flood project conditions. ction below or on additional sho n (Land Side, Water Side, or C	eet(s), identify change o	cies identified in the report, we of condition by: Start to End Le	have fou	or GPS			
Comments								
One of the boxes above is information must also be DWR with any additional state.	One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000							
X								

Date

Signature of LMA Representative

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	11/18/2010 11/18/2010	Richard Willoughby

LMR	Levee Mile Category		Category Item * ##		Rati	Action/Comment	GPS Latitud	Issue No.		
NO.	Start	End	Calegory	iteiii	ation *	ng	Action/Comment	Start	End	Photo
1	2.00	2.00	Earthen	Vegetation	LS	Α	Remove the wild growth other than native grasses from	0	0	3
			Levee	· ·			the levee slopes.	0	0	Υ

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	11/18/2010 11/18/2010	Richard Willoughby

Levee Mile Report Line	1				
Start Levee Mile	2.00				
End Levee Mile	2.00				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking upstream at typical view of levee system.					
richard_f_20101123_452.jpg					

Levee Mile Report Line	1				
Start Levee Mile	2.00				
End Levee Mile	2.00				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking downstream at typical view of levee system.					
richard f 20101123 453.jpg					





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Left	3.33			
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)			Α		
Date of Inspection	5/5/2010		9/21/2010		
DWR Inspector	Richard Willoughby		Richard Willoughby		
Accompanied By					
Check one:					
project components conditions other that deficiencies identified During the current v project components maintenance and the following changes in (In the comment see	vinter (or summer) inspection per identified in the attached Leve in the results of our normal mailed in the enclosed report. vinter (or summer) inspection per identified in the attached Leve are corrections we have made to a flood project conditions. ction below or on additional shon (Land Side, Water Side, or Conditions)	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no chan ections we have made to main e inspected the levee and assortile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in flotenance ociated floor our not have for evee Mile	ood project ood ormal und the
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represer th 31 (Winter Inspection). Plea aspection Reports by, Suite 200	itative an	d returned to
x					
Signature of LMA Repres	sentative		Date		

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	11/18/2010 11/18/2010	Richard Willoughby

LMR	Levee Mile		vee Mile Category Item *		Location	Rating	Action/Comment	GPS Latitud	Issue No.	
No.	Start	End	Calegory	цеш	tion	ng	Action/Comment	Start	End	Photo
1	2.33	2.33	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.200907 ° -120.712978 °	37.200907 ° -120.712978 °	1
2	2.33	2.33	Earthen Levee	Animal Control	WS	М	Exterminate rodents and backfill and compact or grout burrows.	37.200878 ° -120.712965 °	37.200878 ° -120.712965 °	2
3	2.50	2.50	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	J

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	11/18/2010 11/18/2010	Richard Willoughby

Laura Mila Danast Lina	0
Levee Mile Report Line	3
Start Levee Mile	2.50
End Levee Mile	2.50
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system.
richard f 20101123 454.jpg	

Levee Mile Report Line	3
Start Levee Mile	2.50
End Levee Mile	2.50
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at t	ypical view of levee
richard f 20101123 455.jpg	





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles			
	Right	1.28			
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)			Α		
Date of Inspection	5/5/2010		9/21/2010		
DWR Inspector	Richard Willoughby		Richard Willoughby		
Accompanied By					
	vinter (or summer) inspection p				
conditions other that deficiencies identified	identified in the attached Leve in the results of our normal mai ed in the enclosed report.	intenance and the corre	ections we have made to maint	enance	
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve le corrections we have made to n flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal
	ction below or on additional sho n (Land Side, Water Side, or C				
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleast spection Reports country, Suite 200	tative an	d returned to
X Signature of LMA Repres	sentative		Date		
orginature of LIVIA Nepres	JUILUIIVU		שמכ		

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.28	11/16/2010 11/16/2010	Richard Willoughby

Ę	Levee	Mile	Category	Item	Location *	Rating	Action/Comment	GPS Latitud	Issue No.	
NO.	Start	End	Category	цеш	tion	ng	Action/Comment	Start	End	Photo
	0.14	0.14	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.035697 ° -120.441197 °	37.035697 ° -120.441197 °	
	2 1.00	1.00	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	•	0	7

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.28	11/16/2010 11/16/2010	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	1.00
End Levee Mile	1.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at t	

Levee Mile Report Line	2
Start Levee Mile	
End Levee Mile	1.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system.





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles							
	Left	1.28							
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection	5/5/2010		9/21/2010						
DWR Inspector	Richard Willoughby		Richard Willoughby						
Accompanied By									
Check one:									
project components conditions other that deficiencies identified During the current with project components maintenance and the following changes in the comment see	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 								
Comments									
information must also be	3	eet should be signed an	d dated by the LMA Represer th 31 (Winter Inspection). Plea spection Reports , Suite 200	ntative an	d returned to				
Y									
Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	11/16/2010 11/16/2010	Richard Willoughby

LMR	Levee Mile Category		Category Item * Tocati * Tocati		Rati	Action/Comment	GPS Latitud	Issue No.		
No.		End	Calegory	пеш	tion	ng	Action/Comment	Start	End	Photo
1	1.00	1.00	Earthen	Vegetation	LS	Α	Remove the wild growth other than native grasses from	0	0	3
			Levee	J			the levee slopes.	0	0	Υ

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	11/16/2010 11/16/2010	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	1.00
End Levee Mile	1.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system.
richard_f_20101122_429.jpg	

Levee Mile Report Line	1					
Start Levee Mile	1.00					
End Levee Mile	1.00					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
Looking downstream of typical view of levee system.						





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles							
	Right	2.03							
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection	5/5/2010		9/21/2010						
DWR Inspector	Richard Willoughby		Richard Willoughby						
Accompanied By									
	vinter (or summer) inspection p								
conditions other than	n the results of our normal mai ed in the enclosed report.				lou project				
project components maintenance and the	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to n flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal				
	ction below or on additional she n (Land Side, Water Side, or C								
Comments									
information must also be s	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports , Suite 200	tative an	d returned to				
X Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	11/17/2010 11/17/2010	Richard Willoughby

LMR		Levee Mile				Rati	Action/Comment	GPS Latitud	Issue No.	
No.	Start	End	Calegory	iteiii	Item * at it it is a Action/Comment		Action/Comment	Start	End	Photo
1	0.50	0.50	Earthen	Vegetation	LS	Α	Remove the wild growth other than native grasses from	0	0	3
			Levee				the levee slopes.	0	0	Υ

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	11/17/2010 11/17/2010	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.50
End Levee Mile	0.50
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at t system.	ypical view of levee

1
0.50
0.50
Land Side
Earthen Levee
Vegetation
cal view of levee system.





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles							
	Left	1.98							
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection	5/5/2010		9/21/2010						
DWR Inspector	Richard Willoughby		Richard Willoughby						
Accompanied By									
Check one:									
project components conditions other that deficiencies identified During the current with project components maintenance and the following changes in the comment see	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 								
Comments									
information must also be	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Plead spection Reports charges, Suite 200	tative an	d returned to				
x									
Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.98	11/17/2010 11/17/2010	Richard Willoughby

LMR	Levee Mile Category				Rati	Action/Comment	GPS Latitud	Issue No.		
No.	Start	End	Category	iteiii	ation *	ng	Action/Comment	Start	End	Photo
1	1.25	1.25	Earthen	Vegetation	LS	Α	Remove the wild growth other than native grasses from	0	0	3
			Levee	· ·			the levee slopes.	0	0	Υ

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.98	11/17/2010 11/17/2010	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system.
richard_f_20101122_433.jpg	

Levee Mile Report Line	1
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at t system.	ypical view of levee
richard_f_20101122_434.jpg	





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles							
	Right	16.09							
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection	5/5/2010		9/21/2010						
DWR Inspector	Richard Willoughby		Richard Willoughby						
Accompanied By									
Check one:									
project components conditions other that deficiencies identified During the current with project components maintenance and the following changes in the comment see	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 								
Comments									
information must also be	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Plead spection Reports charges, Suite 200	tative an	d returned to				
x									
Signature of LMA Repres	sentative		Date						

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	11/17/2010 11/17/2010	Richard Willoughby

Levee Mile				rv Item		Rating	Action/Comment	GPS Latitude/Longitude			
No.	Start	End	Category	пеш	Location *	ng	Action/Comment	Start	End	Photo	
1	6.51	6.60	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	36.898124 ° -120.326714 °	36.896943 ° -120.326133 °	4	
2	7.27	7.39	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	36.887869 ° -120.321697 °	36.886341 ° -120.320940 °	5	
3	8.11	8.28	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	36.876132 ° -120.317926 °	36.873749 ° -120.317465 °	6	
4	12.25	12.25	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	3	

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	11/17/2010 11/17/2010	Richard Willoughby

4							
12.25							
12.25							
Land Side							
Earthen Levee							
Vegetation							
Looking downstream at typical view of levee system.							
richard_f_20101122_435.jpg							

Levee Mile Report Line	4				
Start Levee Mile	12.25				
End Levee Mile	12.25				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking upstream at typical view of levee system.					
richard f 20101122 436.jpg					





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Water	way		Bank	Unit Miles	
	Unit No. 18 Chowch	illa Canal Bypass		Left	15.33	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February		
Unit Maintenance Rating (Fall Only)			Α			
Date of Inspection	5/5/2010		9/21/2010			
DWR Inspector	Richard Willoughby		Richard Willoughby			
Accompanied By						
Check one:						
project components conditions other that	vinter (or summer) inspection p identified in the attached Leve in the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no chan	ges in flo		
project components maintenance and the	vinter (or summer) inspection p identified in the attached Leve le corrections we have made to n flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal	
(In the comment se coordinates, locatio	ction below or on additional sho n (Land Side, Water Side, or C	eet(s), identify change of cown), Item identification	of condition by: Start to End Leon, and description of the curre	evee Mile	e or GPS tion).	
Comments						
information must also be	3	eet should be signed ar	nd dated by the LMA Represer th 31 (Winter Inspection). Plea aspection Reports by, Suite 200	ntative an	d returned to	
x						
Signature of LMA Repres	sentative		Date			

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.33	11/17/2010 11/17/2010	Richard Willoughby

	Levee Mile Category		Catagory	Dry Item **		Rati	Action/Comment	GPS Latitud	Issue No.	
NO.	Start E	nd	Category	iteiii	tem * at * Eff		Start	End	Photo	
	14.35 14	.35	Earthen	Vegetation	LS	Α	Remove the wild growth other than native grasses from	٥	٥	3
			Levee	· ·			the levee slopes.	0	0	Υ

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 18 Chowchilla Canal Bypass	Left	15.33	11/17/2010 11/17/2010	Richard Willoughby	

Levee Mile Report Line	1
Start Levee Mile	14.35
End Levee Mile	14.35
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system.
richard_f_20101123_444.jpg	

Levee Mile Report Line	1				
Start Levee Mile	14.35				
End Levee Mile	14.35				
Location	Land Side				
Category	Earthen Levee				
Item	Vegetation				
Looking downstream at typical view of levee system.					
richard_f_20101123_445.jpg					





Unit Cover Sheet

Fall 2010 Levee Inspection Results

Lower San Joaquin Levee District

	Bank	Unit Miles				
	Unit No. 22A Ea	ast Side Canal		Left	5.50	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)		
Unit Maintenance Rating (Fall Only)			Α			
Date of Inspection	5/5/2010		9/21/2010			
DWR Inspector	Richard Willoughby		Richard Willoughby			
Accompanied By						
Check one:						
project components conditions other that deficiencies identified During the current with project components maintenance and the following changes in the comment see	vinter (or summer) inspection projection in the attached Level on the results of our normal mailed in the enclosed report. vinter (or summer) inspection projections we have made to a flood project conditions. ction below or on additional short (Land Side, Water Side, or Conditions)	ee Inspection Report by intenance and the corre period, my staff or I have been inspection Report by a maintenance deficience peet(s), identify change of	Mile. We have found no chan ections we have made to main ering in the inspected the levee and assorting Mile. In addition to the results cles identified in the report, we of condition by: Start to End Le	ges in flo tenance ociated flo of our no have fou	ood project ood ormal und the	
Comments						
information must also be	3	eet should be signed an	d dated by the LMA Represer th 31 (Winter Inspection). Plea spection Reports , Suite 200	itative an	d returned to	
						
Signature of LMA Repres	sentative		Date			

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	11/16/2010 11/16/2010	Richard Willoughby

LMR No.	Levee	Mile End	Category	Item	Location	Rating	Action/Comment	GPS Latitud	de/Longitude End	Issue No. Photo
1	0.10		Earthen Levee	Erosion / Bank Caving	WS	М	Note and monitor erosion site. Inspector Comments: Erosion located next to screw gate.	37.206985 ° -120.696225 °	37.206985 °	
2	0.68	0.88	Earthen Levee	Vegetation	LS	М	Remove the wild growth other than native grasses from the levee slopes.	37.215360 ° -120.698078 °	37.218128 ° -120.697457 °	
3	0.99	0.99	Earthen Levee	Crown Surface / Depressions / Rutting	LS	С	Add appropriate gravel or road base. Grade and compact. Inspector Comments: Hole on crown of levee next weir crossing.	37.219590 ° -120.698000 °	37.219590 ° -120.698000 °	
4	3.44	3.44	Earthen Levee	Slope Stability	WS	М	Repair the levee slope damaged by foot traffic and prevent access where possible.	37.251372 ° -120.715320 °	37.251372 ° -120.715320 °	
5	3.65	3.65	Earthen Levee	Slope Stability	WS	М	Repair the levee slope damaged by foot traffic and prevent access where possible. Inspector Comments: There're several slope stability along this channel cause by animal foot traffic that need to be monitored.	37.253465 ° -120.717952 °	37.253465 ° -120.717952 °	1 Y
6	3.85	3.85	Channels	Encroachments	WS	М	Inspector Comments: Stevenson Irrigation District contructed a concrete weir across channel without a permit. Still waiting for permit.	37.255568 ° -120.720551 °	37.255568 ° -120.720551 °	4 Y
7	4.68	4.68	Channels	Encroachments	WS	М	Inspector Comments: Old wooden bridge in channel should be removed.	37.264250 ° -120.731280 °	37.264250 ° -120.731280 °	3 Y

* Location

LS : Land Side

WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	11/16/2010 11/16/2010	Richard Willoughby

Levee Mile Report Line	1			
Start Levee Mile	0.10			
End Levee Mile	0.10			
Location	Water Side			
Category	Earthen Levee			
Item	Erosion / Bank Caving			
Looking downstream at erosion around screw gate can on waterside slope.				
· ·				

Levee Mile Report Line	1
Start Levee Mile	0.10
End Levee Mile	0.10
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Looking upstream at eros	sion around screw gate

richard_f_20101122_417.jpg

Levee Mile Report Line	1			
Start Levee Mile	0.10			
End Levee Mile	0.10			
Location	Water Side			
Category	Earthen Levee			
Item	Erosion / Bank Caving			
Looking at erosion near and around screw gate can.				
richard_f_20101122_418.jpg				







* Location	**
LS : Land Side	
WS : Water Side	
CR : Crown	

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	11/16/2010 11/16/2010	Richard Willoughby

Levee Mile Report Line	5			
Start Levee Mile	3.65			
End Levee Mile	3.65			
Location	Water Side			
Category	Earthen Levee			
Item	Slope Stability			
Looking upstream at one of several slope stablility along canal.				
richard_f_20101122_414.jpg				

Levee Mile Report Line	5
Start Levee Mile	3.65
End Levee Mile	3.65
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Looking at one of severa canal.	slope stability along

richard_f_20101122_415.jpg	
Levee Mile Report Line	6
Start Levee Mile	3.85
End Levee Mile	3.85
Location	Water Side
Category	Channels
Item	Encroachments
Looking northeast at weir	in channel.







* Location	
LS : Land Side	
WS : Water Side	

richard_f_20101122_411.jpg

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	11/16/2010 11/16/2010	Richard Willoughby

Levee Mile Report Line	6					
Start Levee Mile	3.85					
End Levee Mile	3.85					
Location	Water Side					
Category	Channels					
Item	Encroachments					
Looking at upstream side of weir.						
richard_f_20101122_412.jpg						

6
3.85
3.85
Water Side
Channels
Encroachments

richard_f_20101122_413.jpg						
Levee Mile Report Line	7					
Start Levee Mile	4.68					
End Levee Mile	4.68					
Location	Water Side					
Category	Channels					
Item	Encroachments					
Looking downstream at c channel.	iilapidated bridge in					







richard_f_20101122_408.jpg

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.50	11/16/2010 11/16/2010	Richard Willoughby

Levee Mile Report Line	7							
Start Levee Mile	4.68							
End Levee Mile	4.68							
Location	Water Side							
Category	Channels							
Item Encroachments								
Looking southeast at dila channel.	pidated bridge in							
richard_f_20101122_409.jpg								

Levee Mile Report Line	7					
Start Levee Mile	4.68					
End Levee Mile	4.68					
Location	Water Side					
Category	Channels					
Item	Encroachments					
Looking northeast at dilapidated bridge in channel.						
richard f 20101122 410.jpg						





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles						
	Right	10.25						
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)				
Unit Maintenance Rating (Fall Only)			M					
Date of Inspection	5/5/2010		9/21/2010					
DWR Inspector	Richard Willoughby		Richard Willoughby					
Accompanied By								
	vinter (or summer) inspection p							
conditions other tha	identified in the attached Leve in the results of our normal mai ed in the enclosed report.				ood project			
project components maintenance and the	vinter (or summer) inspection p identified in the attached Leve be corrections we have made to in flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal			
	ction below or on additional sho n (Land Side, Water Side, or C							
Comments								
information must also be DWR with any additional s	One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000							
X Signature of LMA Repres	sentative		Date					
orginature of LIVIA Nepres	JUILUIIVU		שמכ					

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.25	11/17/2010 11/17/2010	Richard Willoughby

LMR	Levee	Mile	Catagory	Item	Location	Rating	Action/Comment	GPS Latitud	S Latitude/Longitude	
No.	Start	End	Category	пеш	tion	ng	Action/Comment	Start	End	Photo
1	3.30	3.30	Earthen Levee	Vegetation	LS	М	Elderberries are blocking visibility and flood fight capability.	36.774403 ° -120.234705 °	36.774403 ° -120.234705 °	3
2	5.19	5.19	Earthen Levee	Encroachments	WS	U	Material Inspector Comments: Sand pile in levee channel over three feet high. Pile is to close to levee.	36.791373 ° -120.214972 °	36.791373 ° -120.214972 °	7 Y
3	5.68	5.72	Earthen Levee	Animal Control	WS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	36.792012 ° -120.206270 °	36.791857 ° -120.205685 °	5
4	6.75	6.75	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	1 Y

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.25	11/17/2010 11/17/2010	Richard Willoughby

Levee Mile Report Line	2					
Start Levee Mile	5.19					
End Levee Mile	5.19					
Location	Water Side					
Category	Earthen Levee					
Item Encroachments						
Looking upstream (south) at sand pile within 100' of waterside levee toe.						
richard_f_20101122_437.jpg						

Levee Mile Report Line	2				
Start Levee Mile	5.19				
End Levee Mile	5.19				
Location	Water Side				
Category	Earthen Levee				
Item	Encroachments				
Looking southwest at sand pile within 100' of waterside levee toe.					

richard_f_20101122_438.jpg

Levee Mile Report Line	2
Start Levee Mile	5.19
End Levee Mile	5.19
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking downstream (no 100' of waterside levee to	







* Location

LS: Land Side

WS: Water Side

CR: Crown

richard_f_20101122_439.jpg

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.25	11/17/2010 11/17/2010	Richard Willoughby

Levee Mile Report Line	4
Start Levee Mile	6.75
End Levee Mile	6.75
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at t system.	ypical view of levee

Levee Mile Report Line	4
Start Levee Mile	6.75
End Levee Mile	6.75
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typic	cal view of levee system.
richard_f_20101122_441.jpg	





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Water	way		Bank	Unit Miles	
	Unit No. 24 San	Joaquin River		Left	8.34	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)		
Unit Maintenance Rating (Fall Only)			Α			
Date of Inspection	5/5/2010		9/21/2010			
DWR Inspector	Richard Willoughby		Richard Willoughby			
Accompanied By						
Check one:	vinter (or summer) inspection p	oried my staff or I have	a inspected the loves and assess		ood	
project components conditions other that	vinter (or summer) inspection p identified in the attached Leve n the results of our normal mai ed in the enclosed report.	e Inspection Report by	Mile. We have found no chang	ges in flo		
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve e corrections we have made to n flood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal	
	ction below or on additional sho n (Land Side, Water Side, or C					
Comments						
information must also be s	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports of Suite 200	itative an	d returned to	
v						
X Signature of LMA Repres	sentative		Date			

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.34	11/17/2010 11/17/2010	Richard Willoughby

Levee Mile Category		Category Item Category		Rating	Action/Comment	GPS Latitud	GPS Latitude/Longitude			
NO.	Start	End	Calegory	пеш	tion	ng	Action/Comment	Start	End	Photo
	2.25	2.25	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	1 Y
:	2 3.46	3.46	Earthen Levee	Animal Control	LS	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	36.769345 ° -120.238370 ° -	36.769345 ° 120.238370 °	7

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.34	11/17/2010 11/17/2010	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	2.25
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at t system.	ypical view of levee

Layea Mila Banart Lina	4
Levee Mile Report Line	1
Start Levee Mile	2.25
End Levee Mile	2.25
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system.
richard_f_20101123_443.jpg	





Unit Cover Sheet

Fall 2010 Levee Inspection Results

	Bank	Unit Miles				
	Right	2.47				
	Spring Summer (September - November) (March - May) (June - August) Fall					
Unit Maintenance Rating (Fall Only)			Α			
Date of Inspection	5/5/2010		9/21/2010			
DWR Inspector	Richard Willoughby		Richard Willoughby			
Accompanied By						
	vinter (or summer) inspection p					
conditions other tha	identified in the attached Leve in the results of our normal mai ed in the enclosed report.				od project	
project components maintenance and th	vinter (or summer) inspection p identified in the attached Leve se corrections we have made to inflood project conditions.	e Inspection Report by	Mile. In addition to the results	of our no	ormal	
	ction below or on additional sho n (Land Side, Water Side, or C					
Comments						
information must also be	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleast spection Reports country, Suite 200	tative an	d returned to	
X Signature of LMA Repres	sentative		Date			
orginature of LIVIA Nepres	JUILUIIVU		שמכ			

Levee Inspection Report By Mile - Fall 2010

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.47	11/19/2010 11/19/2010	Richard Willoughby

L											
	LMR	Levee	Mile	Catagory	Item	Location	Rating	Action/Comment GPS Latit		Latitude/Longitude	
	No.	Start	End	Category	пеш	tion	ing			End	Photo
	1	0.27	1.77	Earthen Levee	Crown Surface / Depressions / Rutting	CR	W	Keep the crown roadway free of vegetation.	37.292165 ° -120.880693 °	37.271175 ° -120.866618 °	
	2	1.35	1.35	Earthen Levee	Vegetation	LS	Α	Remove the wild growth other than native grasses from the levee slopes.	0	0	7

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated

Levee Inspection Report By Mile - Fall 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.47	11/19/2010 11/19/2010	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	1.35
End Levee Mile	1.35
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at typi	cal view of levee system.
richard_f_20101123_456.jpg	

nchard_1_20101123_430.jpg				
Levee Mile Report Line	2			
Start Levee Mile	1.35			
End Levee Mile	1.35			
Location	Land Side			
Category	Earthen Levee			
Item	Vegetation			
Looking downstream at typical view of levee system.				



